

| L Number | Hits | Search Text   | DB                             | Time stamp       |
|----------|------|---|--------------------------------|------------------|
| -        | 3663 | ueno.inv.   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/14 15:12 |
| -        | 105  | ueno.inv. and (encod\$4 near3 data)   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 10:09 |
| -        | 1    | ueno.inv. and ((encod\$4 near3 data)with (includ\$4 adj clock))   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/14 15:27 |
| -        | 2    | ueno.inv. and ((decod\$4 near3 data)adj4 write)   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/14 15:20 |
| -        | 1206 | (encod\$4 near3 ((information or data)adj4 clock))  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/14 15:27 |
| -        | 9    | ((encod\$4 near3 ((information or data)adj4 clock))) and ((decod\$4 near3 data)adj4 write)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 14:31 |
| -        | 215  | (encod\$4 near3 ((information or data)adj4 clock))  | EPO; JPO;<br>DERWENT           | 2004/06/14 15:27 |
| -        | 0    | ((encod\$4 near3 ((information or data)with clock))) and ((encod\$4 near3 data)with (includ\$4 adj clock))  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/14 15:28 |
| -        | 0    | ((encod\$4 near3 ((information or data)with clock))) and ((encod\$4 near3 data)with (clock))  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/14 15:28 |
| -        | 0    | ((encod\$4 near3 ((information or data)with clock))) and (determin\$6 near3 (speed or rate))  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/14 15:30 |
| -        | 0    | ((encod\$4 near3 ((information or data)with clock))) and ((detect\$4 or find\$4 or calculat\$4 or determin\$6) near6 (speed or rate))                       | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/14 15:30 |
| -        | 3    | ((encod\$4 near3 ((information or data)with clock))) and ((detect\$4 or find\$4 or calculat\$4 or determin\$6) near6 (speed or rate))                       | EPO; JPO;<br>DERWENT           | 2004/06/14 16:26 |
| -        | 244  | (encod\$4 near3 ((information or data)with clock))  | EPO; JPO;<br>DERWENT           | 2004/06/14 16:24 |
| -        | 1419 | (encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data with clock)  | EPO; JPO;<br>DERWENT           | 2004/06/18 14:39 |
| -        | 5958 | (encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data with clock)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 08:47 |
| -        | 19   | ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data with clock)) and ((detect\$4 or find\$4 or calculat\$4 or determin\$6) near6 (speed or rate)) | EPO; JPO;<br>DERWENT           | 2004/06/14 16:31 |
| -        | 1507 | ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data with clock)) and ((detect\$4 or find\$4 or calculat\$4 or determin\$6) near6 (speed or rate)) | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/14 16:31 |
| -        | 1    | 5249186.pn.   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 08:42 |
| -        | 1    | 5245136.pn.   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 08:42 |
| -        | 1    | 5050194.pn.   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 08:45 |
| -        | 1    | 4442528.pn.   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 08:45 |
| -        | 4956 | (encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock)   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 10:10 |
| -        | 392  | ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock)) and (write adj3 clock)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 10:40 |

|   |      |  |                                |                  |
|---|------|--|--------------------------------|------------------|
| - | 264  | ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock)) and (write adj3 clock)) and (read adj3 clock)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 08:48 |
| - | 243  | ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock)) and (write adj1 clock)   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 09:23 |
| - | 173  | ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock)) and (write adj1 clock)) and (read adj1 clock)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 08:51 |
| - | 161  | ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock)) and (write adj1 clock)) and (read adj1 clock)) and (storage or memory)   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 08:51 |
| - | 117  | ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock)) and (write adj1 clock)) and (read adj1 clock)) and (decoder or encoder)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 08:51 |
| - | 1163 | ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock)) same (decoder or encoder)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 08:51 |
| - | 78   | ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock)) same (decoder or encoder)) and (write adj1 clock)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 10:26 |
| - | 50   | ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock)) same (decoder or encoder)) and (write adj1 clock)) and (read adj1 clock)   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 08:51 |
| - | 49   | ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock)) same (decoder or encoder)) and (write adj1 clock)) and (read adj1 clock)) and (storage or memory)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 08:52 |
| - | 53   | ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock)) same (encoded near4 (includ\$4 adj6 (data near3 clock)))   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 09:27 |
| - | 26   | ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock)) and ((determin\$7 or detect\$4) adj6 (transfer adj(speed or rate)))  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 09:45 |
| - | 3    | ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock)) same (decoder or encoder)) and (write adj1 clock)) and (read adj1 clock)) and (storage or memory)) and (encoded near4 (includ\$4 adj6 (data near3 clock))) | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 09:45 |
| - | 1    | 6359910.pn.  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 09:33 |
| - | 0    | ((encoded adj4 (includ\$4 adj6 (data near3 clock))) and ((determin\$7 or detect\$4) adj6 (transfer adj(speed or rate)))  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 10:14 |
| - | 2    | ((encoded adj4 (includ\$4 adj6 (data near3 clock))) and ( (transfer adj(speed or rate)))   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 09:46 |
| - | 22   | (encoded adj4 (includ\$4 adj6 (data near3 clock)))   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 09:46 |
| - | 3665 | ueno.inv.  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 10:37 |
| - | 3    | ueno.inv. and ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock))  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 10:37 |
| - | 1    | ueno.inv. and ((multiple or plural\$4)adj3 port)   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 10:13 |
| - | 89   | ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock)) and ((multiple or plural\$4)adj3 port)   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 10:13 |

|   |       |   |                                |                  |
|---|-------|---|--------------------------------|------------------|
| - | 0     | ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock)) and ((multiple or plural\$4)adj3 port)) and ((determin\$7 or detect\$4) adj6 (transfer adj(speed or rate))) | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 10:14 |
| - | 18    | ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock)) and ((multiple or plural\$4)adj3 port)) and ((determin\$7 or detect\$4) adj6 ((speed or rate)))             | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 10:20 |
| - | 19441 | 713/\$.ccls.  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 10:19 |
| - | 178   | 713/\$.ccls. and ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock))  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 10:39 |
| - | 22    | (713/\$.ccls. and ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock))) and ((determin\$7 or detect\$4) adj6 ((speed or rate)))                                  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 10:32 |
| - | 9     | ((713/\$.ccls. and ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock))) and (write adj1 clock)) and (read adj1 clock)   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 10:26 |
| - | 14    | (713/\$.ccls. and ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock))) and (write adj1 clock)   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 10:32 |
| - | 4     | ((determin\$7 or detect\$4) adj6 (transfer adj((speed or rate))))with (encod\$3 adj data)   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 15:32 |
| - | 30095 | ueno.inv.   | EPO; JPO;<br>DERWENT           | 2004/06/15 10:37 |
| - | 0     | ueno.inv. and ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock))   | EPO; JPO;<br>DERWENT           | 2004/06/15 10:38 |
| - | 0     | ueno.inv. and (((determin\$7 or detect\$4) adj6 (transfer adj((speed or rate))))with (encod\$3 adj data))   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 10:38 |
| - | 1     | ueno.inv. and (((determin\$7 or detect\$4) adj6 (transfer adj((speed or rate))))with (encod\$3 adj data))   | EPO; JPO;<br>DERWENT           | 2004/06/15 10:39 |
| - | 0     | ueno.inv. and ((encod\$4 or multiplex\$4 or combin\$8 or mix\$4)near6 (data near4 clock))   | EPO; JPO;<br>DERWENT           | 2004/06/15 10:40 |
| - | 3     | ueno.inv. and (write adj1 clock)  | EPO; JPO;<br>DERWENT           | 2004/06/15 10:40 |
| - | 5     | ((determin\$7 or detect\$4 or deci\$6) adj6 (transfer adj((speed or rate))))with (encod\$3 adj data)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:19 |
| - | 2     | ((determin\$7 or detect\$4 or deci\$6) adj6 (transfer adj((speed or rate))))with (encod\$3 adj data)  | EPO; JPO;<br>DERWENT           | 2004/06/15 15:44 |
| - | 0     | ((interface with ((multiple or plural\$4 or more)near3 port))with (speed or rate)) and ((encod\$4 near3 data)with (includ\$4 adj clock))  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 15:47 |
| - | 4     | ((interface with ((multiple or plural\$4 or more)near3 port))with (speed or rate)) and ((encod\$4 near3 data)with ( clock))   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 15:47 |
| - | 79    | (interface with ((multiple or plural\$4 or more)near3 port))with (speed or rate)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 16:09 |
| - | 3     | (ieee\$1394 or serial or usb)and (((determin\$7 or detect\$4 or deci\$6) adj6 (transfer adj((speed or rate))))with (encod\$3 adj data))   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 16:11 |
| - | 3     | (ieee\$1394 or serial or usb)and ((determin\$7 or detect\$4 or deci\$6) adj6 (transfer adj((speed or rate))))with (encod\$3 adj data)   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 16:21 |

|   |       |   |                                |                  |
|---|-------|---|--------------------------------|------------------|
| - | 0     | ((ieee\$1394 or serial or usb)and<br>((determin\$7 or detect\$4 or deci\$6) adj6<br>(transfer adj((speed or rate))))with<br>(encod\$3 adj data)   | EPO; JPO;<br>DERWENT           | 2004/06/15 16:22 |
| - | 31    | ((ieee\$1394 or serial or usb)and (encod\$4<br>near3 ((information or data)adj4 clock))   | EPO; JPO;<br>DERWENT           | 2004/06/15 16:22 |
| - | 764   | ((ieee\$1394 or serial or usb)and (encod\$4<br>near3 ((information or data)adj4 clock))   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 16:22 |
| - | 0     | ((ieee\$1394 or serial or usb)and (encod\$4<br>near3 ((information or data)adj4 clock)))<br>and ((determin\$7 or detect\$4 or deci\$6)<br>adj6 (transfer adj((speed or rate))))               | EPO; JPO;<br>DERWENT           | 2004/06/15 16:23 |
| - | 4     | ((ieee\$1394 or serial or usb)and (encod\$4<br>near3 ((information or data)adj4 clock)))<br>and ((determin\$7 or detect\$4 or deci\$6)<br>adj6 (transfer adj((speed or rate))))               | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/15 16:23 |
| - | 1     | ((self\$clock\$4 adj data)with (stor\$4 or<br>writ\$4 or read\$4)) and (write adj clock))<br>and (((self\$clock\$4 adj data)with (stor\$4<br>or writ\$4 or read\$4)) and (read adj<br>clock)) | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 13:34 |
| - | 2     | ((self\$clock\$4 adj data)with (stor\$4 or<br>writ\$4 or read\$4)) and (write adj clock)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 13:43 |
| - | 3     | ((self\$clock\$4 adj data)with (stor\$4 or<br>writ\$4 or read\$4)) and (read adj clock)   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 13:35 |
| - | 5     | ((self\$clock\$4 adj data)with (stor\$4 or<br>writ\$4 or read\$4)) and (((encod\$4 or<br>combin\$4 or multiplex\$4 or mix\$4)adj<br>data)with clock)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:21 |
| - | 41    | (self\$clock\$4 adj data)with (stor\$4 or<br>writ\$4 or read\$4)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:53 |
| - | 2     | (decod\$4 near6 (encoded adj data))with<br>(write adj clock)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:22 |
| - | 1     | 5268937.pn.   | USPAT                          | 2004/06/17 14:25 |
| - | 1     | 5079519.pn.   | USPAT                          | 2004/06/17 14:25 |
| - | 1     | 5072407.pn.   | USPAT                          | 2004/06/17 14:26 |
| - | 1     | 5022057.pn.   | USPAT                          | 2004/06/17 14:27 |
| - | 1     | 5022056.pn.   | USPAT                          | 2004/06/17 14:27 |
| - | 1     | 4922141.pn.   | USPAT                          | 2004/06/17 14:27 |
| - | 9     | (self\$clock\$4 adj data)with (stor\$4 or<br>writ\$4 or read\$4)  | EPO; JPO;<br>DERWENT           | 2004/06/17 15:53 |
| - | 37920 | 375/\$.ccls.  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:40 |
| - | 727   | 375/\$.ccls. and manchester   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:17 |
| - | 370   | 375/\$.ccls. and (manchester adj cod\$4)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:17 |
| - | 344   | 375/\$.ccls. and (manchester adj encod\$4)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:18 |
| - | 260   | (375/\$.ccls. and (manchester adj encod\$4))<br>and (decod\$4)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:18 |
| - | 2     | 375/\$.ccls. and (((determin\$7 or detect\$4<br>or deci\$6) adj6 (transfer adj((speed or<br>rate))))with (encod\$3 adj data))   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:40 |
| - | 568   | 375/\$.ccls. and (((encod\$4 or combin\$4 or<br>multiplex\$4 or mix\$4)adj data)with clock)   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:21 |
| - | 0     | (375/\$.ccls. and (((encod\$4 or combin\$4 or<br>multiplex\$4 or mix\$4)adj data)with clock))<br>and ((decod\$4 near6 (encoded adj<br>data))with (write adj clock))                           | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:22 |

|   |       |  |                                |                  |
|---|-------|--|--------------------------------|------------------|
| - | 0     | (375/\$.ccls. and (((encod\$4 or combin\$4 or multiplex\$4 or mix\$4)adj data)with clock)) and ((decod\$4 near6 (encoded adj data))same (write adj clock))   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:22 |
| - | 93    | (375/\$.ccls. and (((encod\$4 or combin\$4 or multiplex\$4 or mix\$4)adj data)with clock)) and ((decod\$4 near6 (encoded adj data))same (write or clock))  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:23 |
| - | 92    | ((375/\$.ccls. and (((encod\$4 or combin\$4 or multiplex\$4 or mix\$4)adj data)with clock)) and ((decod\$4 near6 (encoded adj data))same (write or clock))) and ((decod\$4 near6 (encoded adj data))same (read or clock))  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:23 |
| - | 4     | ((375/\$.ccls. and (((encod\$4 or combin\$4 or multiplex\$4 or mix\$4)adj data)with clock)) and ((decod\$4 near6 (encoded adj data))same (write or clock))) and ((decod\$4 near6 (encoded adj data))same (read or clock))) and ((transfer adj((speed or rate)))) | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:38 |
| - | 41    | ((375/\$.ccls. and (((encod\$4 or combin\$4 or multiplex\$4 or mix\$4)adj data)with clock)) and ((decod\$4 near6 (encoded adj data))same (write or clock))) and ((decod\$4 near6 (encoded adj data))same (read or clock))) and (stor\$4 near3 data)              | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:38 |
| - | 197   | clock near3 (embed\$6 adj2 data)   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:37 |
| - | 0     | (clock near3 (embed\$6 adj2 data)) and (((determin\$7 or detect\$4 or deci\$6) adj6 (transfer adj((speed or rate))))with (encod\$3 adj data))  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:38 |
| - | 20    | (clock near3 (embed\$6 adj2 data)) and ((transfer adj((speed or rate))))   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:38 |
| - | 13    | ((clock near3 (embed\$6 adj2 data)) and ((transfer adj((speed or rate)))))) and (stor\$4 near3 data)   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:38 |
| - | 40596 | 360/\$.ccls.   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:40 |
| - | 0     | 360/\$.ccls. and (((determin\$7 or detect\$4 or deci\$6) adj6 (transfer adj((speed or rate))))with (encod\$3 adj data))  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:47 |
| - | 6     | 360/\$.ccls. and (((determin\$7 or detect\$4 or deci\$6) adj6 ((speed or rate))))with (encod\$3 adj data))   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:42 |
| - | 7     | (375/\$.ccls. and (((encod\$4 or combin\$4 or multiplex\$4 or mix\$4)adj data)with clock)) and (((determin\$7 or detect\$4 or deci\$6) adj6 ((speed or rate))))with (encod\$3 adj data))   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:45 |
| - | 3399  | (data near3 (writ\$4 or sav\$4 or stor\$4))with ((transfer or transmi\$6)adj3 (speed or rate))   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:50 |
| - | 5     | ((data near3 (writ\$4 or sav\$4 or stor\$4))with ((transfer or transmi\$6)adj3 (speed or rate))) and (((determin\$7 or detect\$4 or deci\$6) adj6 ((transfer or transmi\$6) adj((speed or rate))))with (encod\$3 adj data))                                      | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/17 15:51 |
| - | 1353  | (data near3 (writ\$4 or sav\$4 or stor\$4))with ((transfer or transmi\$6)adj3 (speed or rate))   | EPO; JPO;<br>DERWENT           | 2004/06/17 15:50 |

|   |       |  |                          |                  |
|---|-------|--|--------------------------|------------------|
| - | 1     | ((data near3 (writ\$4 or sav\$4 or stor\$4))with ((transfer or transmi\$6)adj3 (speed or rate))) and (((determin\$7 or detect\$4 or deci\$6) adj6 ((transfer or transmi\$6) adj((speed or rate)))with (encod\$3 adj data))   | EPO; JPO; DERWENT        | 2004/06/17 15:51 |
| - | 0     | ((data near3 (writ\$4 or sav\$4 or stor\$4))with ((transfer or transmi\$6)adj3 (speed or rate))) and ((self\$clock\$4 adj data)with (stor\$4 or writ\$4 or read\$4))   | EPO; JPO; DERWENT        | 2004/06/17 15:53 |
| - | 0     | ((data near3 (writ\$4 or sav\$4 or stor\$4))with ((transfer or transmi\$6)adj3 (speed or rate))) and ((self\$clock\$4 adj data)with (stor\$4 or writ\$4 or read\$4))   | USPAT; US-PGPUB; IBM_TDB | 2004/06/17 15:54 |
| - | 21013 | (determin\$4 or detect\$4 or find\$4 or calculat\$4 or recogniz\$4 or identif\$5)near3 ((transfer or transmi\$6 or communicat\$4 or receiv\$4 or send\$4)near2 (speed or rate or frequency))   | USPAT; US-PGPUB; IBM_TDB | 2004/06/18 14:38 |
| - | 2     | ((determin\$4 or detect\$4 or find\$4 or calculat\$4 or recogniz\$4 or identif\$5)near3 ((transfer or transmi\$6 or communicat\$4 or receiv\$4 or send\$4)near2 (speed or rate or frequency))) with ((encoded or combin\$4 or multiplex\$4 or mix\$4)near3 (data with clock))  | USPAT; US-PGPUB; IBM_TDB | 2004/06/18 08:19 |
| - | 9074  | (determin\$4 or detect\$4 or find\$4 or calculat\$4 or recogniz\$4 or identif\$5)near3 ((transfer or transmi\$6 or communicat\$4 or receiv\$4 or send\$4)near2 (speed or rate or frequency))   | EPO; JPO; DERWENT        | 2004/06/18 08:17 |
| - | 0     | ((determin\$4 or detect\$4 or find\$4 or calculat\$4 or recogniz\$4 or identif\$5)near3 ((transfer or transmi\$6 or communicat\$4 or receiv\$4 or send\$4)near2 (speed or rate or frequency))) with ((encoded or combin\$4 or multiplex\$4 or mix\$4)near3 (data with clock))  | EPO; JPO; DERWENT        | 2004/06/18 08:18 |
| - | 0     | ((determin\$4 or detect\$4 or find\$4 or calculat\$4 or recogniz\$4 or identif\$5)near3 ((transfer or transmi\$6 or communicat\$4 or receiv\$4 or send\$4)near2 (speed or rate or frequency))) same ((encoded or combin\$4 or multiplex\$4 or mix\$4)near3 (data with clock))  | EPO; JPO; DERWENT        | 2004/06/18 08:18 |
| - | 0     | ((determin\$4 or detect\$4 or find\$4 or calculat\$4 or recogniz\$4 or identif\$5)near3 ((transfer or transmi\$6 or communicat\$4 or receiv\$4 or send\$4)near2 (speed or rate or frequency))) and ((encoded or combin\$4 or multiplex\$4 or mix\$4)near3 (data with clock))   | EPO; JPO; DERWENT        | 2004/06/18 08:18 |
| - | 578   | ((re\$cover\$4 or regenerat\$4 or reproduc\$4 or extract\$4)near2 (write or clock)) with ((encoded or combin\$4 or multiplex\$4 or mix\$4)near3 (data))  | USPAT; US-PGPUB; IBM_TDB | 2004/06/18 08:21 |
| - | 586   | ((re\$cover\$4 or regenerat\$4 or reproduc\$4 or extract\$4 or restor\$4)near2 (write or clock)) with ((encoded or combin\$4 or multiplex\$4 or mix\$4)near3 (data))   | USPAT; US-PGPUB; IBM_TDB | 2004/06/18 08:21 |
| - | 60    | ((re\$cover\$4 or regenerat\$4 or reproduc\$4 or extract\$4 or restor\$4)near2 (write or clock)) with ((encoded or combin\$4 or multiplex\$4 or mix\$4)near3 (data))) and ((determin\$4 or detect\$4 or find\$4 or calculat\$4 or recogniz\$4 or identif\$5)near3 ((transfer or transmi\$6 or communicat\$4 or receiv\$4 or send\$4)near2 (speed or rate or frequency))) | USPAT; US-PGPUB; IBM_TDB | 2004/06/18 08:27 |

|   |      |   |                                |                  |
|---|------|---|--------------------------------|------------------|
| - | 11   | ((((re\$cover\$4 or regenerat\$4 or reproduc\$4 or extract\$4 or restor\$4)near2 (write or clock)) with ((encoded or combin\$4 or multiplex\$4 or mix\$4)near3 (data))) and ((determin\$4 or detect\$4 or find\$4 or calculat\$4 or recogniz\$4 or identif\$5)near3 ((transfer or transmi\$6 or communicat\$4 or receiv\$4 or send\$4)near2 (speed or rate or frequency)))) and (read adj (clock or signal))  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 08:25 |
| - | 1    | ((((re\$cover\$4 or regenerat\$4 or reproduc\$4 or extract\$4 or restor\$4)near2 (write or clock)) with ((encoded or combin\$4 or multiplex\$4 or mix\$4)near3 (data))) and ((determin\$4 or detect\$4 or find\$4 or calculat\$4 or recogniz\$4 or identif\$5)near3 ((transfer or transmi\$6 or communicat\$4 or receiv\$4 or send\$4)near2 (speed or rate or frequency)))) and (write adj (clock or signal)) | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 08:23 |
| - | 3    | ((((re\$cover\$4 or regenerat\$4 or reproduc\$4 or extract\$4 or restor\$4)near2 (write or clock)) with ((encoded or combin\$4 or multiplex\$4 or mix\$4)near3 (data))) with ((determin\$4 or detect\$4 or find\$4 or calculat\$4 or recogniz\$4 or identif\$5)near3 ((transfer or transmi\$6 or communicat\$4 or receiv\$4 or send\$4)near2 (speed or rate or frequency))))                                  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 08:28 |
| - | 7    | ((((re\$cover\$4 or regenerat\$4 or reproduc\$4 or extract\$4 or restor\$4)near2 (write or clock)) with ((encoded or combin\$4 or multiplex\$4 or mix\$4)near3 (data))) same ((determin\$4 or detect\$4 or find\$4 or calculat\$4 or recogniz\$4 or identif\$5)near3 ((transfer or transmi\$6 or communicat\$4 or receiv\$4 or send\$4)near2 (speed or rate or frequency))))                                  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 08:28 |
| - | 272  | ((USB or serial or IEEE\$1394) adj transceiver)   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 10:50 |
| - | 35   | ((USB or serial or IEEE\$1394) adj transceiver)) and encoder  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 10:50 |
| - | 23   | ((((USB or serial or IEEE\$1394) adj transceiver)) and encoder) and decoder   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 12:10 |
| - | 0    | ((((USB or serial or IEEE\$1394) adj transceiver)) and encoder) and decoder   | EPO; JPO;<br>DERWENT           | 2004/06/18 12:10 |
| - | 1    | ((((USB or serial or IEEE\$1394) adj transceiver)) and encoder)   | EPO; JPO;<br>DERWENT           | 2004/06/18 12:12 |
| - | 8    | ((((USB or serial or IEEE\$1394) adj transceiver)) and memory)  | EPO; JPO;<br>DERWENT           | 2004/06/18 12:14 |
| - | 190  | ((((USB or serial or IEEE\$1394) adj transceiver)) and memory)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 12:14 |
| - | 69   | ((((USB or serial or IEEE\$1394) adj transceiver)) same(stor\$4 or memory))   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 12:14 |
| - | 13   | (((((USB or serial or IEEE\$1394) adj transceiver)) same(stor\$4 or memory))) and encoder   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 12:14 |
| - | 12   | (((((USB or serial or IEEE\$1394) adj transceiver)) same(stor\$4 or memory))) and encoder) and decoder  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 12:26 |
| - | 3666 | ueno.inv.   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 12:26 |
| - | 26   | ueno.inv. and transceiver   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 12:27 |

|   |      |   |                                |                  |
|---|------|---|--------------------------------|------------------|
| - | 128  | ueno.inv. and ((transfer or communicat\$4 or transmi\$6)adj (speed or rate or frequency))   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 12:35 |
| - | 54   | (ueno.inv. and ((transfer or communicat\$4 or transmi\$6)adj (speed or rate or frequency))) and (encod\$4)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 12:34 |
| - | 47   | ((ueno.inv. and ((transfer or communicat\$4 or transmi\$6)adj (speed or rate or frequency))) and (encod\$4)) and (decod\$4)   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 12:34 |
| - | 41   | ((ueno.inv. and ((transfer or communicat\$4 or transmi\$6)adj (speed or rate or frequency))) and (encod\$4)) and (decod\$4)) and (memory)   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 12:32 |
| - | 7805 | (data near3 (transfer or transmi\$6 or communicat\$4))with ((speed or frequency or rate or clock)near3 control\$4)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 12:33 |
| - | 2831 | ((data near3 (transfer or transmi\$6 or communicat\$4))with ((speed or frequency or rate or clock)near3 control\$4)) and (encod\$4)   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 12:34 |
| - | 257  | "116" and (decod\$4)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 12:34 |
| - | 2248 | ((data near3 (transfer or transmi\$6 or communicat\$4))with ((speed or frequency or rate or clock)near3 control\$4)) and (encod\$4)) and (decod\$4)   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 12:34 |
| - | 2009 | ((data near3 (transfer or transmi\$6 or communicat\$4))with ((speed or frequency or rate or clock)near3 control\$4)) and (encod\$4)) and (decod\$4)) and (memory or storage or buffer)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 12:34 |
| - | 238  | ((data near3 (transfer or transmi\$6 or communicat\$4))with ((speed or frequency or rate or clock)near3 control\$4)) and (encod\$4)) and (decod\$4)) and (memory or storage or buffer)) and ((determin\$4 or detect\$4 or decid\$4)with((transfer or communicat\$4 or transmi\$6)adj (speed or rate or frequency)))   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 12:36 |
| - | 35   | "120" and (encoded adj data)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 12:36 |
| - | 93   | ((data near3 (transfer or transmi\$6 or communicat\$4))with ((speed or frequency or rate or clock)near3 control\$4)) and (encod\$4)) and (decod\$4)) and (memory or storage or buffer)) and ((determin\$4 or detect\$4 or decid\$4)with((transfer or communicat\$4 or transmi\$6)adj (speed or rate or frequency))) and (encoded adj data)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 12:36 |
| - | 30   | ((data near3 (transfer or transmi\$6 or communicat\$4))with ((speed or frequency or rate or clock)near3 control\$4)) and (encod\$4)) and (decod\$4)) and (memory or storage or buffer)) and ((determin\$4 or detect\$4 or decid\$4)with((transfer or communicat\$4 or transmi\$6)adj (speed or rate or frequency))) and (encoded adj data)) and (decoded adj data)                      | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 12:37 |
| - | 22   | ((data near3 (transfer or transmi\$6 or communicat\$4))with ((speed or frequency or rate or clock)near3 control\$4)) and (encod\$4)) and (decod\$4)) and (memory or storage or buffer)) and ((determin\$4 or detect\$4 or decid\$4)with((transfer or communicat\$4 or transmi\$6)adj (speed or rate or frequency))) and (encoded adj data)) and (decoded adj data)) and (write or read) | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 14:31 |



|   |       |   |                                |                  |
|---|-------|---|--------------------------------|------------------|
| - | 20577 | 341/\$.ccls.  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 14:30 |
| - | 120   | 341/\$.ccls. and ((encod\$4 near3<br>((information or data)adj4 clock)))  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 14:31 |
| - | 6     | (341/\$.ccls. and ((encod\$4 near3<br>((information or data)adj4 clock)))) and<br>((data near3 (transfer or transmi\$6 or<br>communicat\$4))with ((speed or frequency or<br>rate or clock)near3 control\$4))  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 14:32 |
| - | 208   | 341/\$.ccls. and ((determin\$4 or detect\$4<br>or find\$4 or calculat\$4 or recogniz\$4 or<br>identif\$5)near3 ((transfer or transmi\$6 or<br>communicat\$4 or receiv\$4 or send\$4)near2<br>(speed or rate or frequency)))   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 14:38 |
| - | 11    | (341/\$.ccls. and ((determin\$4 or detect\$4<br>or find\$4 or calculat\$4 or recogniz\$4 or<br>identif\$5)near3 ((transfer or transmi\$6 or<br>communicat\$4 or receiv\$4 or send\$4)near2<br>(speed or rate or frequency)))) and<br>((encod\$4 or multiplex\$4 or combin\$8 or<br>mix\$4)near6 (data near4 clock))                                   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 14:45 |
| - | 25    | (341/\$.ccls. and ((determin\$4 or detect\$4<br>or find\$4 or calculat\$4 or recogniz\$4 or<br>identif\$5)near3 ((transfer or transmi\$6 or<br>communicat\$4 or receiv\$4 or send\$4)near2<br>(speed or rate or frequency)))) and<br>(transceiver)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 14:46 |
| - | 8     | ((341/\$.ccls. and ((determin\$4 or<br>detect\$4 or find\$4 or calculat\$4 or<br>recogniz\$4 or identif\$5)near3 ((transfer<br>or transmi\$6 or communicat\$4 or receiv\$4<br>or send\$4)near2 (speed or rate or<br>frequency)))) and ((encod\$4 or multiplex\$4<br>or combin\$8 or mix\$4)near6 (data near4<br>clock))) and (encoder)) and (decoder) | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 14:46 |
| - | 9     | ((341/\$.ccls. and ((determin\$4 or detect\$4<br>or find\$4 or calculat\$4 or recogniz\$4 or<br>identif\$5)near3 ((transfer or transmi\$6 or<br>communicat\$4 or receiv\$4 or send\$4)near2<br>(speed or rate or frequency)))) and<br>((encod\$4 or multiplex\$4 or combin\$8 or<br>mix\$4)near6 (data near4 clock))) and<br>(encoder)                | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 14:47 |
| - | 10    | ((341/\$.ccls. and ((determin\$4 or detect\$4<br>or find\$4 or calculat\$4 or recogniz\$4 or<br>identif\$5)near3 ((transfer or transmi\$6 or<br>communicat\$4 or receiv\$4 or send\$4)near2<br>(speed or rate or frequency)))) and<br>(transceiver)) and (decoder)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/18 14:47 |
| - | 1     | ((plural\$4 or multiple)adj3 read)near6<br>((transfer or trasmission or<br>transmit\$4)adj2 (speed or rate or<br>frequency))) with ((sample or reference)<br>adj clock)   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/21 11:22 |
| - | 1     | ((plural\$4 or multiple)adj3 read)near6<br>((transfer or trasmission or<br>transmit\$4)adj2 (speed or rate or<br>frequency))) same ((sample or reference)<br>adj clock)   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/21 11:25 |
| - | 1     | ((plural\$4 or multiple)adj3 read)near6<br>((transfer or trasmission or<br>transmit\$4)adj2 (speed or rate or<br>frequency))) and ((sample or reference)<br>adj clock)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/21 11:22 |
| - | 11    | ((plural\$4 or multiple)adj3 read)near6<br>((transfer or trasmission or<br>transmit\$4)adj2 (speed or rate or<br>frequency)))   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/21 11:22 |

|   |    |  |                                |                  |
|---|----|--|--------------------------------|------------------|
| - | 1  | ((plural\$4 or multiple)adj3 read)with<br>((transfer or trasmissione or<br>transmit\$4)adj2 (speed or rate or<br>frequency))) same ((sample or reference)<br>adj clock)  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/21 11:25 |
| - | 1  | ((plural\$4 or multiple)adj3 read)with<br>((transfer or trasmissione or<br>transmit\$4)adj2 (speed or rate or<br>frequency))) same ((sample or reference)<br>adj (frequency or clock))   | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/21 11:25 |
| - | 29 | ((plural\$4 or multiple)adj3 read)with<br>((transfer or trasmissione or<br>transmit\$4)adj2 (speed or rate or<br>frequency)))  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/21 11:30 |
| - | 5  | ((plural\$4 or multiple)adj3 read)with<br>((transfer or trasmissione or<br>transmit\$4)adj2 (speed or rate or<br>frequency)))  | EPO; JPO;<br>DERWENT           | 2004/06/21 11:26 |
| - | 56 | (read adj (clock or signal))with<br>((transfer or trasmissione or<br>transmit\$4)adj2 (speed or rate or<br>frequency)))  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/21 11:30 |
| - | 0  | ((read adj (clock or signal))with<br>((transfer or trasmissione or<br>transmit\$4)adj2 (speed or rate or<br>frequency))) and (((control\$4 or<br>select\$4)adj (read adj (clock or<br>signal)))adj5 (speed or clock or<br>frequency))) | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/21 11:33 |
| - | 8  | ((read adj (clock or signal))with<br>((transfer or trasmissione or<br>transmit\$4)adj2 (speed or rate or<br>frequency))) and (((control\$4 or<br>select\$4)adj (read adj (clock or<br>signal)))with (speed or clock or<br>frequency))) | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/21 11:33 |
| - | 23 | (read adj (clock or signal)) near6<br>((transfer or trasmissione or<br>transmit\$4)adj2 (speed or rate or<br>frequency)))  | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/21 12:16 |
| - | 2  | ((read adj (clock or signal)) near6<br>((transfer or trasmissione or<br>transmit\$4)adj2 (speed or rate or<br>frequency))) and ((determin\$6 or detect\$4)<br>near3 ((transfer or transmi\$7)adj3 (speed<br>or rate or frequency)))    | USPAT;<br>US-PGPUB;<br>IBM_TDB | 2004/06/21 12:18 |